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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(To be used for all correspondence
after initial filing)

Application Number	09/828,504
Filing Date	April 5, 2001
First Named Inventor	Thomas J. Bradbury
Group Art Unit	2161
Examiner Name	
Attorney Docket No.	900122.420

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GROUP 3600**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> CD(s), Number of CD(s) _____
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> After Final	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief Reply Brief)
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> 4th Supplemental Information Disclosure Statement; Form PTO-1449	<input type="checkbox"/> Declaration	<input type="checkbox"/> Additional Enclosure(s), (please identify below):
<input checked="" type="checkbox"/> Cited References (88)	<input type="checkbox"/> Statement under 37 CFR 3.73(b)	RECEIVED
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	SEP 17 2002
<input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Request for Refund	

Remarks

Technology Center 2100

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Individual Name	Frank Abramonte	 00500 PATENT TRADEMARK OFFICE
Signature		
Date	September 12, 2002	

CERTIFICATE OF MAILING

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Typed or printed name	Jason A. Gover	
Signature		Date: September 12, 2002



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September 12, 2002
Date

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GROUP 3600

Applicants : Thomas J. Bradbury et al.
Application No. : 09/828,504
Filed : April 5, 2001
For : SYSTEM AND METHOD FOR RAPIDLY CUSTOMIZING A
DESIGN AND REMOTELY MANUFACTURING BIOMEDICAL
DEVICES USING A COMPUTER SYSTEM

Art Unit : 2161
Docket No. : 900122.420
Date : September 12, 2002

Commissioner for Patents
Washington, DC 20231

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references are enclosed).

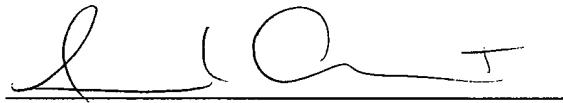
Reference DC (Huang, H.K.) on the attached Form PTO-1449, is not a printed copy of the book, but a printout of the book's description, details, and reviews from an internet website. Applicants have not otherwise had access to the book.

References DE, and DP to DU on the attached Form PTO-1449, are all internet web page references that are no longer available or have been moved to another site/page. Applicants have thus been unable to retrieve copies of the entire websites.

As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Fourth Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,
Thomas J. Bradbury et al.
Seed Intellectual Property Law Group PLLC



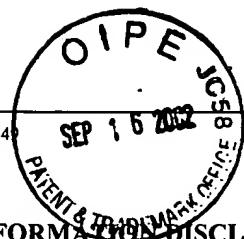
Frank Abramonte
Registration No. 38,066

Enclosures:

Postcard
Form PTO-1449
Cited References (88)

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FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 900122.420	APPLICATION NO. 09/828,504
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Thomas J. Bradbury et al.			
		FILING DATE April 5, 2001		GROUP ART UNIT 2161	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,314,457	05/24/94	Jeutter et al.	607	116	
AB	5,434,611	07/18/95	Tamura	348	8	
AC	5,441,047	08/15/95	David et al.	128	670	
AD	5,449,754	09/12/95	Nishioka	530	334	
AE	5,580,699	12/03/96	Layman et al.	430	311	
AF	5,658,709	08/19/97	Layman et al.	430	311	
AG	5,701,904	12/30/97	Simmons et al.	128	670	
AH	5,715,451	02/03/98	Marlin	395	615	
AI	5,715,823	02/10/98	Wood et al.	128	660.01	
AJ	5,717,769	02/10/98	Williams	381	67	
AK	5,728,134	03/17/98	Barak	606	214	
AL	5,732,074	03/24/98	Spaur et al.	370	313	

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GROUP 5000

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AM					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AN	Steidle, C., et al., "Automated Fabrication of Custom Bone Implants Using Rapid Prototyping," in <i>Proceedings of the 44th Int'l SAMPE Symposium and Exhibition</i> , Long Beach, CA, May 1999.
AO	"Dental Implants Frequently Asked Questions," Retrieved March 1, 2000, from <URL: http://www.sffi.com/faqs.htm >.
AP	"Nonresorbable Bone Implants via LOM," Retrieved March 1, 2000, from <URL: http://www.udri.udayton.edu/rpdl/bone.htm >.
AQ	"Biomaterials Laboratory," Retrieved March 1, 2000, from <URL: http://www.uky.edu/RGS/CBME/bmat.html >.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR	5,749,902	05/12/98	Olson et al.	607	5	
AS	5,749,921	05/12/98	Lenker et al.	623	1	
AT	5,758,652	06/02/98	Nikolic	128	673	
AU	5,769,882	06/23/98	Fogarty et al.	623	1	
AV	5,772,586	06/30/98	Heinonen et al.	600	300	RECEIVED U.S. PATENT AND TRADEMARK OFFICE SEP 17 2002 GROUP 3600
AW	5,773,230	06/30/98	Cheever et al.	435	7.23	
AX	5,784,635	07/21/98	McCallum	395	800.32	
AY	5,786,197	07/28/98	Lonetto	435	220	
AZ	5,810,747	09/22/98	Brudny et al.	600	595	
BA	5,817,110	10/06/98	Kronner	606	148	
BC	5,824,040	10/20/98	Cox et al.	623	1	
BD	5,839,438	11/24/98	Graettinger et al.	128	630	

FOREIGN PATENT DOCUMENTS

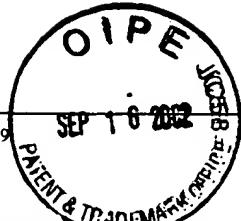
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BE					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BF		Beumer, J., "Implants in Partially Edentulous Patients; The UCLA Experience," Retrieved March 1, 2000, from <URL: http://www.dent.ucla.edu/pic/visitors/implants/07.html >.
BG		Duke, D., "Radiologist Reaching Rural America Through Improved Technology," Retrieved March 1, 2000, from <URL: http://wupa.wustl.edu/nai/feature/1996/Feb96-Teleradiology.html >.
BH		"Interactive Real-Time Ultrasound Telediagnosis," Retrieved March 1, 2000, from <URL: http://www.telesonography.com/TechnicalPrimer.html >.

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		FILING DATE		GROUP ART UNIT 2161	

U.S. PATENT DOCUMENTS

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BI	5,840,020	11/24/98	Heinonen et al.	600	309	
BJ	5,843,005	12/01/98	Chubinsky	601	15	
BK	5,843,158	12/01/98	Lenker et al.	623	1	
BL	5,844,995	12/01/98	Williams	381	67	
BM	5,851,186	12/22/98	Wood et al.	600	437	
BN	5,862,202	01/19/99	Bashoura et al.	379	100.14	
BO	5,864,337	01/26/99	Marvin	345	338	
BP	5,884,246	03/16/99	Boucher et al.	704	2	
BQ	5,890,129	03/30/99	Spurgeon	705	4	
BR	5,891,035	04/06/99	Wood et al.	600	437	
BS	5,907,845	05/25/99	Cox et al.	707	102	
BT	5,911,992	06/15/99	Braswell et al.	424	195.1	

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				YES	NO
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BV	Tobin, M., "Teleradiology – A Personal View," Retrieved March 1, 2000, from <URL: http://www.octet.com/~mikety/Articles/PC-Teleradiology/Teleradiology.html >.
BW	"Frequently Asked Teleradiology Questions," Retrieved March 1, 2000, from <URL: http://cter.eng.uab.edu/telemed/faqtrad.html >.
BX	"Software for Establishing Teleradiologic Links for Quantitative Volumetric Imaging Consultation," Retrieved March 1, 2000, from <URL: http://everest.radiology.uiowa.edu/nlm/consult/consult.html >.

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FORM PTO-1449 (REV.7-80) INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. 900122.420	APPLICATION NO. 09/828,504
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				FILING DATE April 5, 2001	GROUP ART UNIT 2161

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BY	5,912,720	06/15/99	Berger et al.	351	206	
	BZ	5,933,881	08/10/99	Smith	4	420.4	
	CA	5,935,060	08/10/99	Iliff	600	300	
	CB	5,938,737	08/17/99	Smallcomb et al.	709	247	
	CC	5,943,423	08/24/99	Muftic	380	25	
	CD	5,951,300	09/14/99	Brown	434	236	
	CE	5,951,598	09/14/99	Bishay et al.	607	142	
	CF	5,956,687	09/21/99	Wamsley et al.	705	1	
	CG	5,966,126	10/12/99	Szabo	345	348	
	CH	5,966,711	10/12/99	Adams	707	104	
	CI	5,967,986	10/19/99	Cimochowski et al.	600	454	
	CJ	5,970,499	10/19/99	Smith et al.	707	104	

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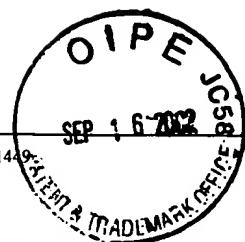
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	CK					

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

CL		Whitehead et al., "Quantitative and Qualitative Light Microscopy of Bone Remodeling at the Interface with Implanted Biomaterials," Retrieved March 1, 2000, from <URL: http://sbec.abe.msstate.edu/abstracts/whitehead.htm >.
CM		"Bone Implant Technologies," Retrieved March 1, 2000, from <URL: http://www.pittsburgh-tissue.net/brochure/Research/NASAbone.html >.
CN		Excerpts from the Introductory Chapter of "Handbook of Teleradiology Applications," Retrieved March 1, 2000, from <URL: http://www.rsna.org/REG/learnres/excerpts.html >.

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CO	5,972,344	10/26/99	Edwards	424	195.1	
CP	5,974,124	10/26/99	Schlueter, Jr. et al.	379	106.02	
CQ	5,986,662	11/16/99	Argiro et al.	345	424	
CR	5,987,519	11/16/99	Peifer et al.	709	230	
CS	5,989,559	11/23/99	Edwards	424	195.1	
CT	5,991,731	11/23/99	Colon et al.	705	3	
CU	5,991,751	11/23/99	Rivette et al.	707	1	
CV	5,993,001	11/30/99	Bursell et al.	351	212	
CW	5,995,939	11/30/99	Berman et al.	705	3	
CX	6,007,459	12/28/99	Burgess	482	4	
CY	6,009,212	12/28/99	Miller et al.	382	294	
CZ	6,013,260	01/11/00	Edwards	424	195.1	

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GROUP 3600

FOREIGN PATENT DOCUMENTS

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				YES	NO
DA					

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DB	"Teleradiology Questions and Answers," Retrieved March 1, 2000, from <URL: http://www.mayo.edu/physician/mmi/faq.html >.		
DC	Huang, H.K., "PACS: Basic Principles and Applications," Retrieved August 21, 2002, from <URL: http://www.amazon.com/exec/obidos/tg/detail/-/0471253936/qid=1029956152/sr=8-14/ref=sr_8_14/102-1690425-9399327?s=books&n=507846 >.		
DE	"IntraCom Family of Products Receives FDA Clearance," Retrieved March 1, 2000, from <URL: http://www.intracom.net/news/990217.html >.		

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DF	6,016,486	01/18/00	Nichols	706	47	
DG	6,018,731	01/25/00	Bertrand et al.	706	47	
DH	6,022,315	02/08/00	Iliff	600	300	
DI	6,022,526	02/08/00	Woodburn et al.	424	9.61	
DJ	6,024,700	02/15/00	Nemirovski et al.	600	300	
DK	6,029,159	02/22/00	Zorba et al.	706	47	
DL						
DM						
DN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES
	DO				NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DP	Kincade, K., "Teleradiology: Market Opportunity or Predatory Strategy?," Retrieved March 1, 2000, from <URL: http://www.telemedmag.com/topics/clin3.htm >.
DQ	Harris, G., "Annual Survey -- Teleradiology Service Providers," Retrieved on February 29, 2000, from <URL: http://www.telemedtoday.com/annual_survey.htm >.
DR	"January 2000: New Software Release,": Retrieved March 1, 2000, from <URL: http://www.materialise.com/Home.htm >.
DS	"Medical Services," Retrieved March 1, 2000, from <URL: http://www.materialise.com/medical/MedHome.htm >.
DT	"CT-Based Anatomical Modeling: patient-specific pre-surgical planning models," Medical Modeling Corporation, Golden, Colorado, 1999
DU	17 th Symposium for Computer Application in Radiology, "The Electronic Practice: Radiology and the Enterprise," Retrieved on March 1, 2000, from <URL: http://www.scar.rad.washington.edu/SCAR/meeting2000/2000main.html >.

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